AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 25. (Canceled).

26. (Currently Amended) A device for determining at least one parameter of a medium flowing in a line, comprising:

a sensor carrier including a sensor cavity;

at least one sensor element arranged on the sensor carrier in the sensor cavity, the sensor element configured to be introduced into the flowing medium and to determine the parameter;

wherein the sensor carrier is a separate component secured in the device; and

wherein the sensor carrier is made of at least one of plastic and ceramic.

27. (Previously Presented) The device according to claim 26, further comprising:

a support part; and

a measuring housing provided in the line and joined to the support part, the measuring housing including a bypass channel, the sensor element arranged in the bypass channel, the sensor carrier secured in the bypass channel.

28. (Previously Presented) The device according to claim 26, further comprising:

a support part, the sensor carrier secured in the support part; and

a measuring housing provided in the line and joined to the support part, the measuring housing including a bypass channel, the sensor element arranged in the bypass channel.

29. (Previously Presented) The device according to claim 26, further comprising:

a support part, a base support arranged in the support part, the sensor carrier secured to the base support; and

a measuring housing provided in the line and joined to the support part, the measuring housing including a bypass channel, the sensor element arranged in the bypass channel.

30. (Previously Presented) The device according to claim 26, wherein the sensor carrier includes an aerodynamically formed oncoming-flow edge directed contrary to the flowing medium.

31. (Currently Amended) The device according to claim 26, wherein ~~the sensor carrier includes a sensor cavity, the sensor element disposed in the sensor cavity,~~ the sensor cavity ~~forming~~ forms a frame element and retaining element for the sensor element and ~~including~~ includes a sensor cavity bottom.

32. (Currently Amended) The device according to claim 26, wherein the medium flows in a main flow direction, the sensor carrier one of (a) formed and (b) aligned with respect to the main flow direction of the flowing medium so that a vector of the main flow direction one of (a) is in a plane of a sensor region of the sensor element and (b) intersects the plane of the sensor region at one of (a) a small positive and (b) a negative angle.

33. (Previously Presented) The device according to claim 31, wherein the sensor carrier includes a surface in which the sensor cavity is located, the surface arranged approximately at a same level as a bottom of the base support.

34. (Previously Presented) The device according to claim 31, wherein the sensor carrier includes a surface in which the sensor cavity is located, dimensions of the sensor cavity corresponding at a level of the surface of the sensor carrier approximately to dimensions of the sensor element so that the sensor element is configured to be introduced flush into the sensor cavity and so that the medium flows one of scarcely and not at all below the sensor element into the sensor cavity.

35. (Previously Presented) The device according to claim 31, wherein the sensor cavity includes two opposite longitudinal edges, a gap having an order of magnitude of a few micrometers formed between a periphery of the sensor element and the longitudinal edges.

36. (Previously Presented) The device according to claim 31, wherein the sensor carrier includes a surface in which the sensor cavity is located, dimensions of the sensor cavity corresponding approximately to dimensions of the sensor element so that the sensor element is flush with respect to the surface of the sensor carrier.

37. (Previously Presented) The device according to claim 26, further comprising:

a support part; and

a measuring housing provided in the line and joined to the support part, a common longitudinal axis of the support part and the measuring housing extending perpendicular to a main flow direction, the measuring housing including a bypass channel extending from an inlet port and an inlet channel, a diverting channel adjoined to the inlet channel and configured so that the medium flows from the inlet channel into the diverting channel, via an outlet channel to an outlet port to discharge at an outer surface of the measuring housing into the line.

38. (Previously Presented) The device according to claim 31, wherein the sensor element is glued to the sensor cavity bottom.

39. (Previously Presented) The device according to claim 31, wherein at least one adhesive displacement space is configured in the sensor cavity bottom as a channel that extends in a direction from one longitudinal edge of the sensor cavity bottom arranged parallel an oncoming-flow edge of the sensor cavity to an opposite longitudinal edge, the adhesive displacement space configured so that adhesive introduced into the sensor cavity is spread upon insertion of the sensor element into the sensor cavity of the sensor carrier, the channel dividing the sensor cavity bottom into a bearing surface configured to receive adhesive and a sensor base area arranged below a membrane of the sensor element.

40. (Currently Amended) [[The]] A device ~~according to claim 39,~~ for determining at least one parameter of a medium flowing in a line, comprising:

a sensor carrier;

at least one sensor element arranged on the sensor carrier, the sensor element configured to be introduced into the flowing medium and to determine the parameter;

wherein the sensor carrier is a separate component secured in the device;

wherein the sensor carrier includes a sensor cavity, the sensor element disposed in the sensor cavity, the sensor cavity forming a frame element and retaining element for the sensor element and including a sensor cavity bottom;

wherein at least one adhesive displacement space is configured in the sensor cavity bottom as a channel that extends in a direction from one longitudinal edge of the sensor cavity bottom arranged parallel an oncoming-flow edge of the sensor cavity to an opposite longitudinal edge, the adhesive displacement space configured so that adhesive introduced into the sensor cavity is spread upon insertion of the sensor element into the sensor cavity of the sensor carrier, the channel dividing the sensor cavity bottom into a bearing surface configured to receive adhesive and a sensor base area arranged below a membrane of the sensor element; and

wherein a cut-out is arranged in each longitudinal edge of the sensor cavity in a region of the bearing surface, the longitudinal edges one of arranged parallel and slightly inclined with respect to the oncoming-flow edge of the sensor carrier, the cut-out configured so that an adhesive bead applied therein is forced out upon insertion of the sensor element into the sensor cavity so that a gap between the sensor element and the sensor cavity at the one longitudinal edge, a gap contiguous thereto between the sensor element and the bearing surface and a gap contiguous thereto at the opposite longitudinal edge are completely closed by the adhesive of the adhesive bead.

41. (Previously Presented) The device according to claim 40, further comprising:

a cover;

a dividing wall connected to the cover and extending with a free end to the surface of the sensor carrier, the cut-outs in the longitudinal edges of the sensor

cavity extending in a direction of the dividing wall and are at least partially covered by the dividing wall.

42. (Previously Presented) The device according to claim 31, further comprising at least one spacer in the form of an elevation arranged in the sensor cavity bottom of the sensor cavity.

Claim 43. (Canceled).

44. (Currently Amended) The device according to claim [[43]] 26, wherein the plastic includes one of a liquid crystal polymer and a partial crystalline, aromatic thermoplastic.

Claim 45. (Canceled).

46. (Previously Presented) The device according to claim 38, wherein the adhesive is configured to seal the bypass channel and the electronics space.

47. (Previously Presented) The device according to claim 38, wherein a channel end face of the sensor carrier adjoins the bypass channel by form locking.

48. (Previously Presented) The device according to claim 26, wherein at least one of a longitudinal axis of the sensor carrier is inclined by an angle and a longitudinal axis of the sensor element is inclined by an angle with respect to a longitudinal axis of the support part.

49. (Previously Presented) The device according to claim 26, wherein the sensor carrier is secured in the device by an adhesive.

50. (Previously Presented) The device according to claim 26, wherein the sensor carrier is secured in the device by a press-fit.

51. (Previously Presented) The device according to claim 26, wherein the medium includes intake air of an internal combustion engine.